

FIG. 1
RELATED ART

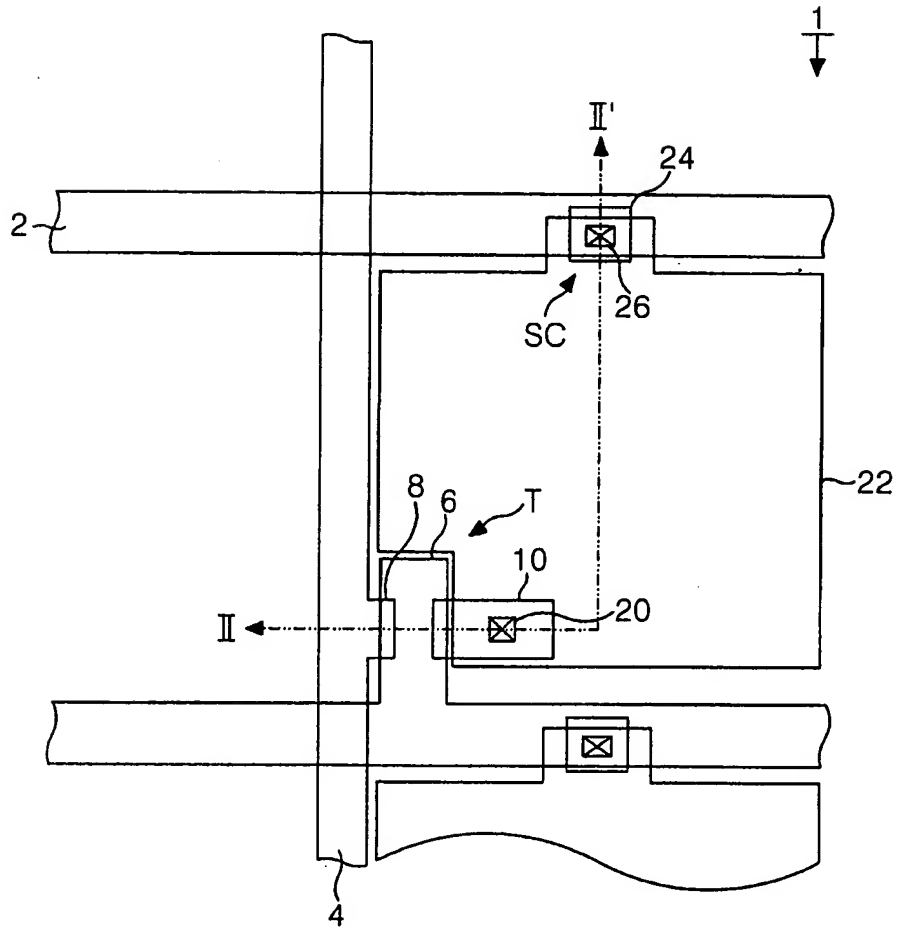
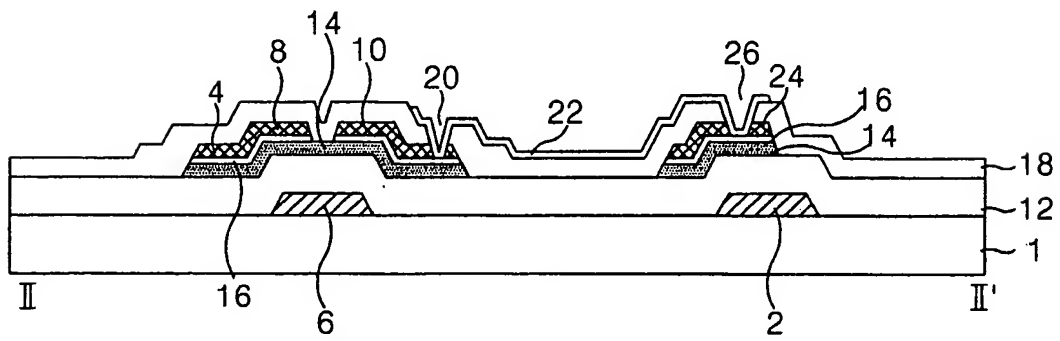


FIG. 2
RELATED ART



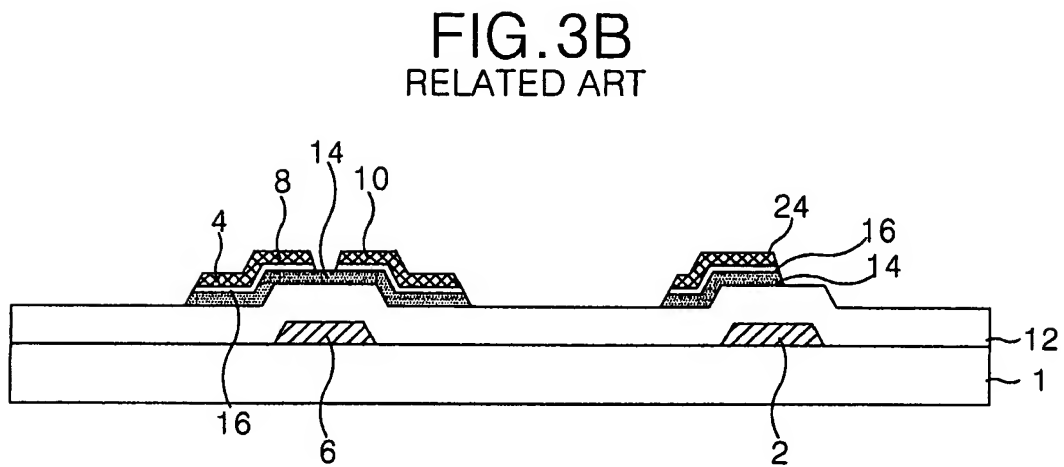


FIG. 3C
RELATED ART

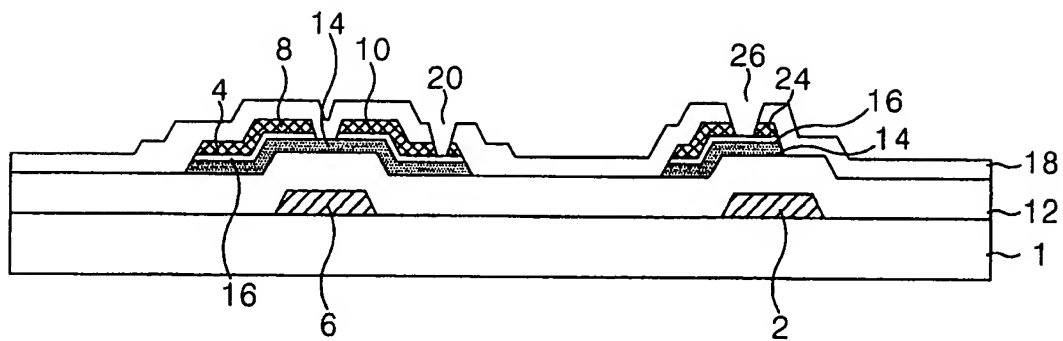


FIG. 3D
RELATED ART

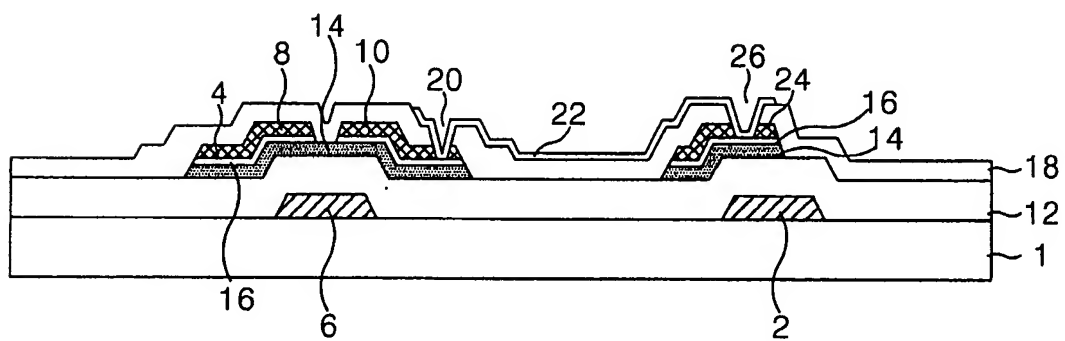


FIG. 4
RELATED ART

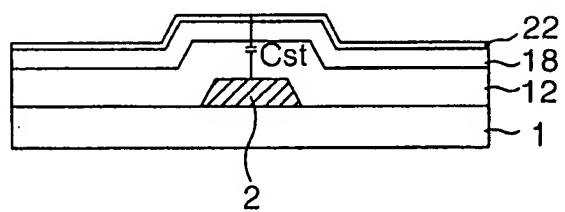


FIG. 5

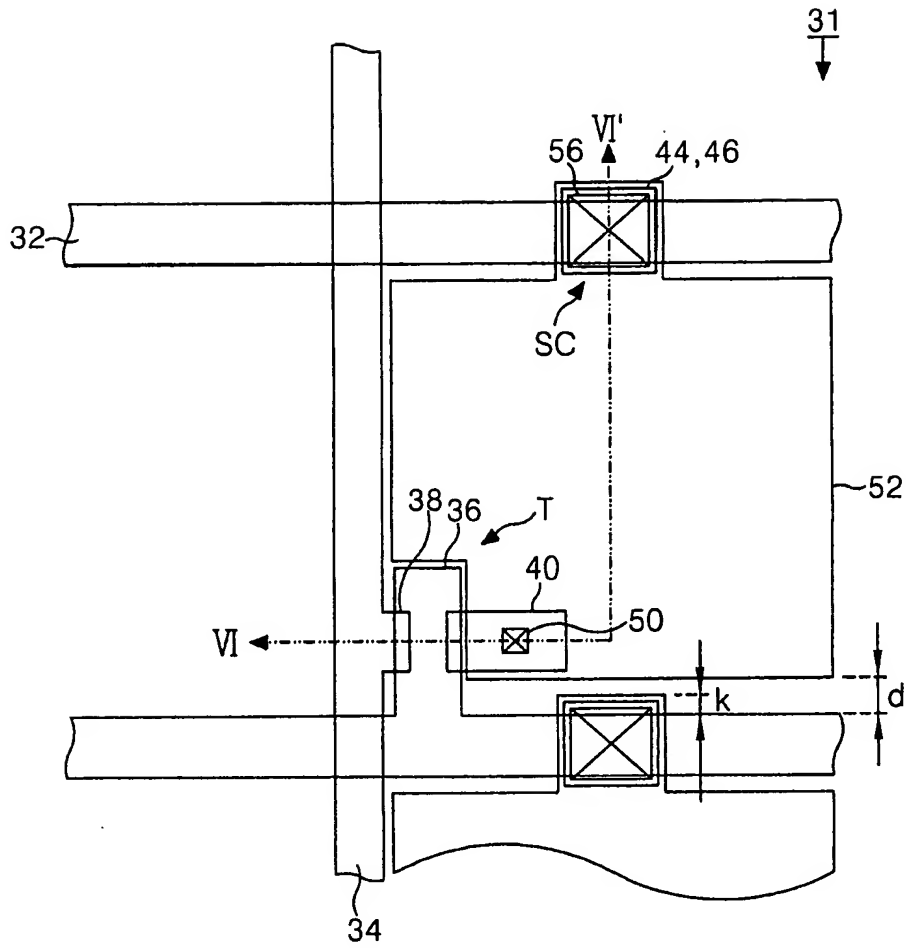


FIG. 6

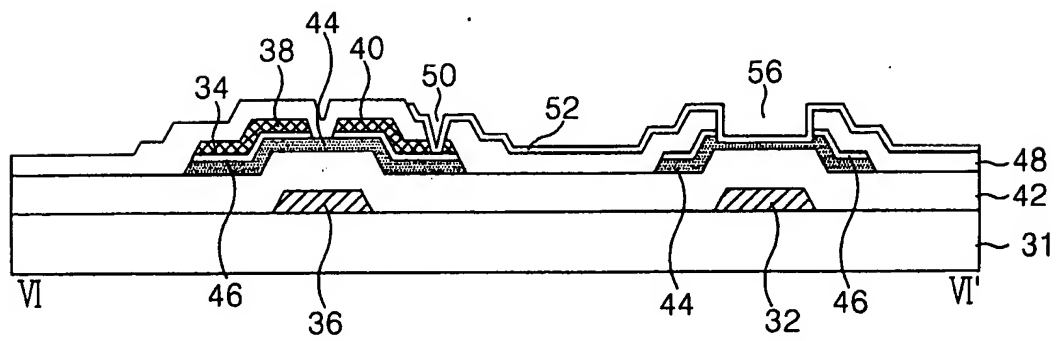


FIG. 7A

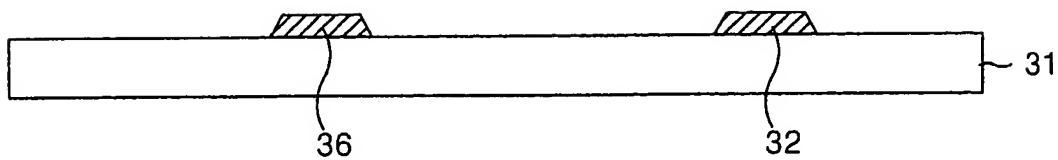


FIG. 7B

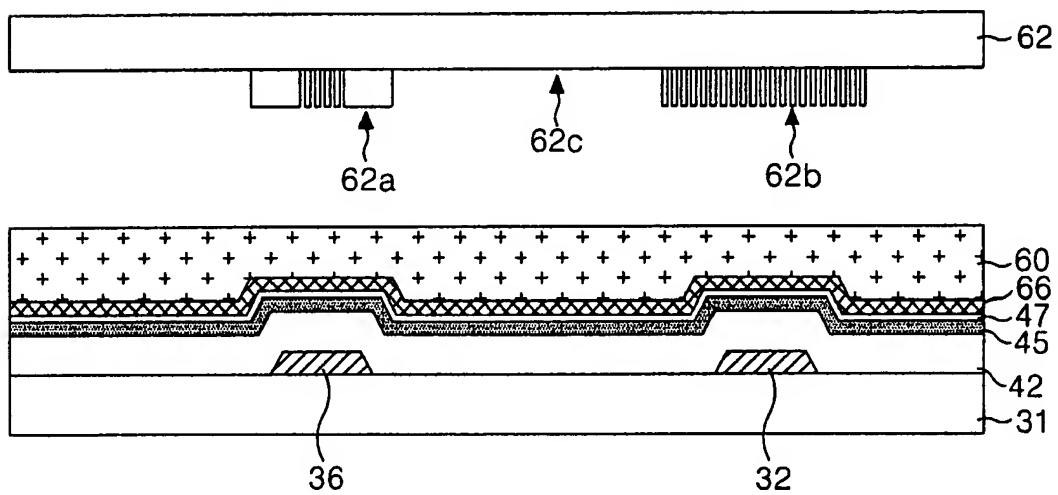


FIG. 7C

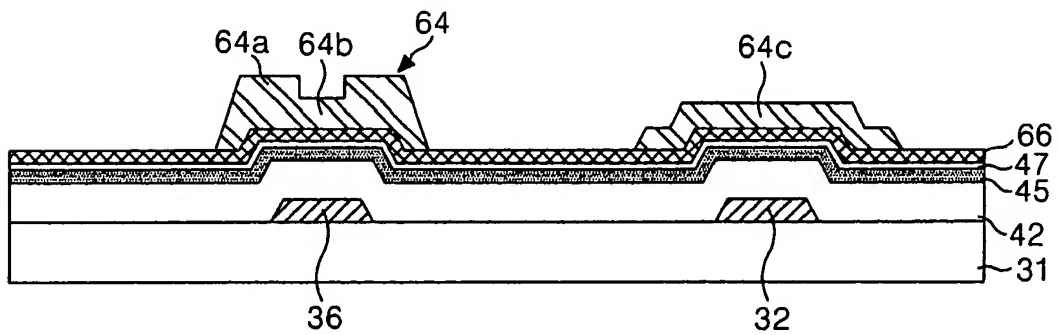


FIG. 7D

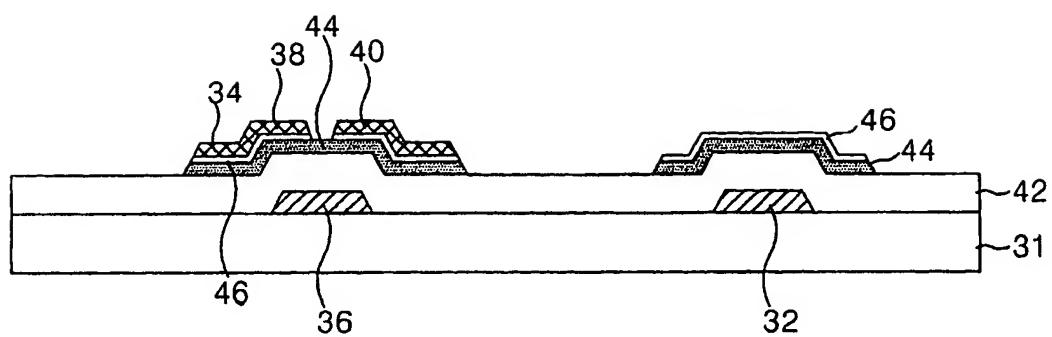


FIG. 7E

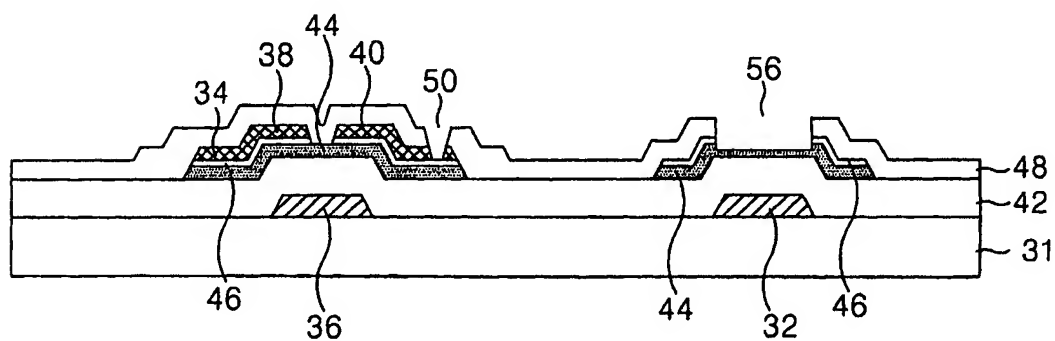
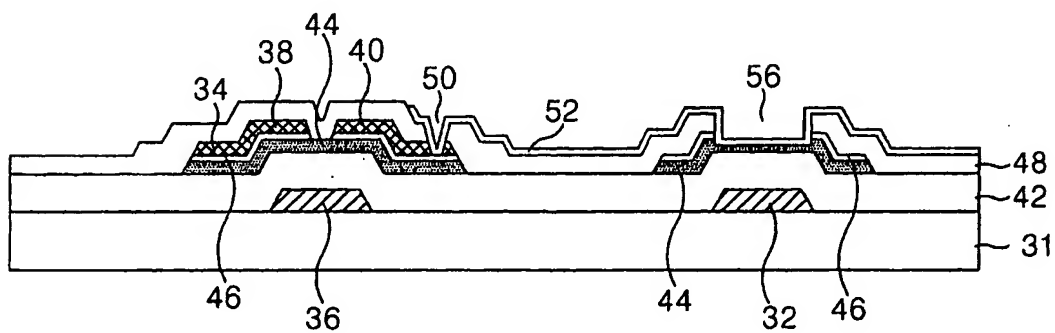


FIG. 7F



This cross-sectional view shows a substrate with three main layers: a bottom layer 31, a middle layer 42, and a top layer 48. The top layer 48 contains two rectangular regions 36 and 44, each filled with diagonal hatching. Above the top layer 48, there is a complex pattern of layers. A layer 32 is located directly above the hatched regions 36 and 44. Above layer 32 is a layer 46, which is patterned into a series of rectangular blocks. On top of layer 46 is a layer 50, which is also patterned into rectangular blocks. The top surface of the device is defined by a layer 52, which has a series of rectangular protrusions or steps. The cross-section is labeled IX on the left and IX' on the right.

FIG.10A

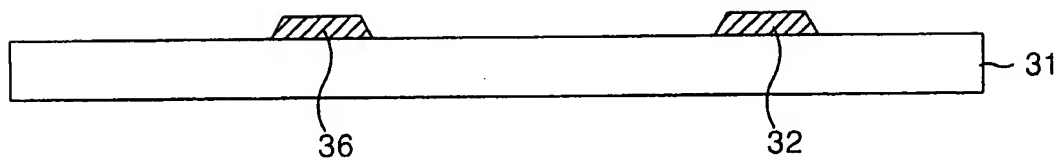


FIG.10B

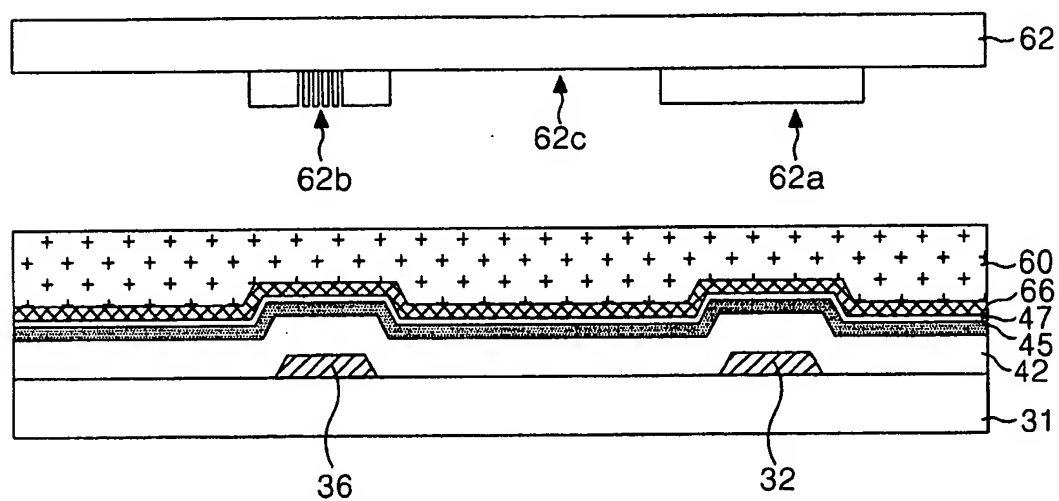


FIG.10C

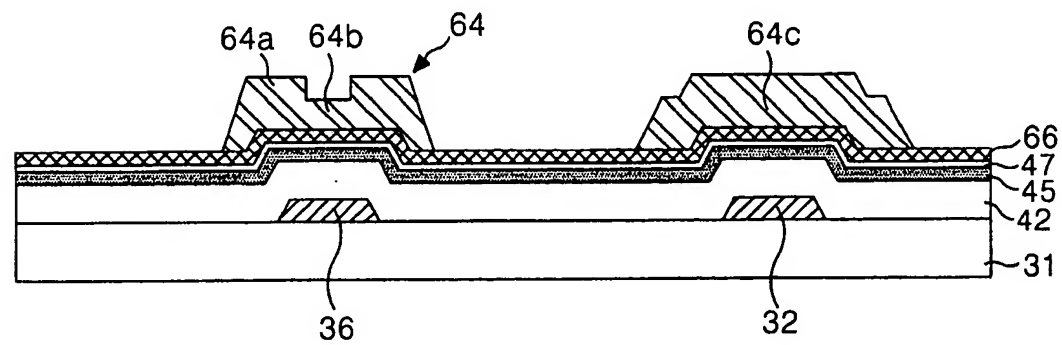


FIG.10D

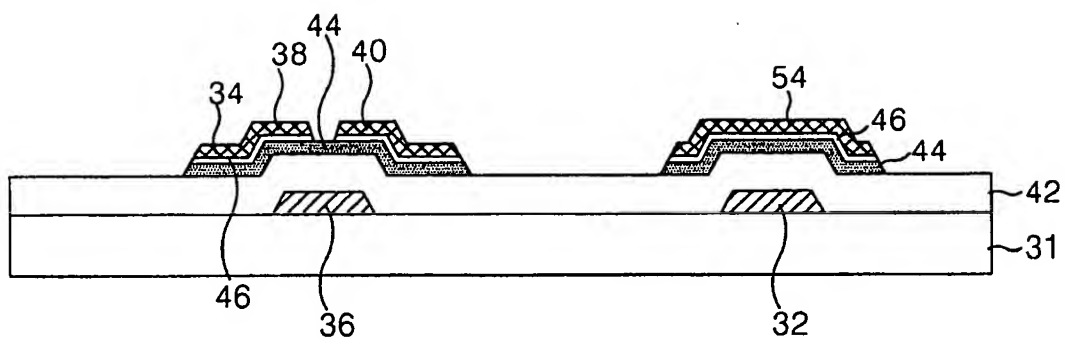


FIG.10E

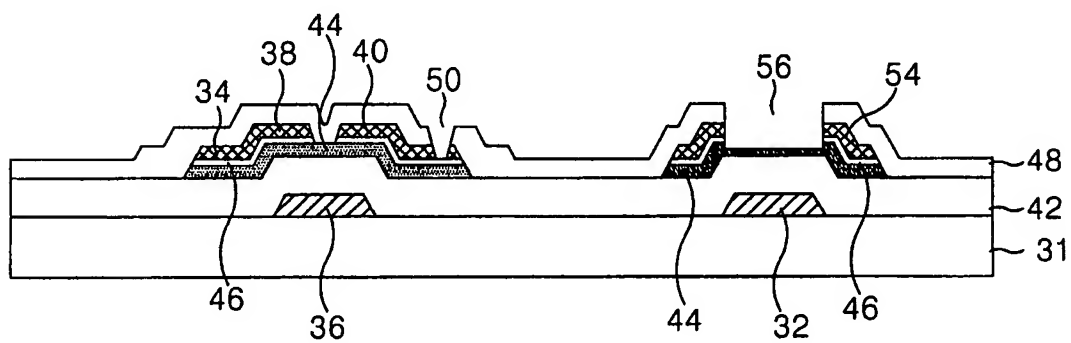


FIG.10F

